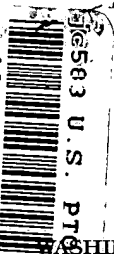


12/23/98



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December 23, 1998

**BOX PATENT APPLICATION**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Express Mail No. EE370438560US

Re: Application of William J. BAER, I-Ming KAO, Pedro JACOB, Jr., Janet L. MURRAY,  
Deidra S. PICCIANO and Jerry D. ROBERTSON  
METHOD AND APPARATUS FOR USING CLASSES, ENCAPSULATING DATA  
WITH ITS BEHAVIORS, FOR TRANSFERRING BETWEEN DATABASES AND  
CLIENT APPLICATIONS AND FOR ENABLING APPLICATIONS TO ADAPT TO  
SPECIFIC CONSTRAINTS OF THE DATA  
Our Ref: CA1026

Dear Sir:

Attached hereto is the application identified above including thirty-five (35) sheets of the  
specification, claims, eight (8) sheets of formal drawings and Information Disclosure Statement, PTO  
1449 form and cited references. **The executed Declaration and Power of Attorney and Assignment  
will be submitted at a later date.**

The Government filing fee is calculated as follows:

Total claims	<u>23</u> - 20 = <u>3</u>	x	\$18 =	\$	54.00
Independent claims	<u>4</u> - 3 = <u>1</u>	x	\$78 =	\$	78.00
Base Fee				\$	760.00
<b>TOTAL FILING FEE</b>				\$	892.00

A Check for the statutory filing fee of \$892.00 is attached. You are also directed and authorized  
to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is  
hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of  
time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to  
Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from U.S. Provisional Application No. 60/086,382, filed May 22, 1998.

Respectfully submitted,

SUGHRUE, MION, ZINN,  
MACPEAK & SEAS, PLLC  
Attorneys for Applicant

By: Frank L. Bernstein  
Frank L. Bernstein  
Registration No. 31,484

09/21/99 12:23:59

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

William J. BAER, I-Ming KAO, Pedro JACOB, Jr., Janet L. MURRAY, Deidra S. PICCIANO and  
Jerry D. ROBERTSON

Filed: Concurrently Herewith

For: METHOD AND APPARATUS FOR USING CLASSES, ENCAPSULATING DATA  
WITH ITS BEHAVIORS, FOR TRANSFERRING BETWEEN DATABASES AND  
CLIENT APPLICATIONS AND FOR ENABLING APPLICATIONS TO ADAPT TO  
SPECIFIC CONSTRAINTS OF THE DATA

**"EXPRESS MAIL" CERTIFICATE OF MAILING**

I hereby certify that this paper and the attachments hereto are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below, addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Express Mail Certificate Number: EE370438560US

EE370438560US

Date: December 23, 1998

Signed:

Sherry L. Cadruvi  
Sherry L. Cadruvi

Enclosures:

1. Application Letter to PTO
2. Specification, Claims and Abstract, 35 pages
3. Check #124471 for \$892.00
4. Drawings, 8 sheets
5. Information Disclosure Statement
6. Information Disclosure Statement PTO 1449 Form
7. Cited References